

From glowbugs@theporch.com Sun Feb 23 19:01:17 1997
Return-Path: <glowbugs@theporch.com>
Received: from uro (localhost.theporch.com [127.0.0.1])
by uro.theporch.com (8.8.5/AUX-3.1.1)
with SMTP id TAA03031;
Sun, 23 Feb 1997 19:00:35 -0600 (CST)
Date: Sun, 23 Feb 1997 19:00:35 -0600 (CST)
Message-Id: <199702240100.TAA03031@uro.theporch.com>
Errors-To: ws4s@infoave.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 455
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 455

Topics covered in this issue include:

- 1) Re: Tube Symbols in GIF format anyone???
by macino <macino@ibm.net>
- 2) Re: NO MAIL
by "Brian Carling" <bry@mail1.mnsinc.com>
- 3) Re: Tube Symbols in GIF format anyone???
by "Brian Carling" <bry@mail1.mnsinc.com>
- 4) Compressors
by "Douglas \"Lonely Planet Boy\" Shawhan" <lysdexia@evansville.net>
- 5) EABC80 tube
by Cesare Lavazza <iw2kpu@radionostalgia.net>
- 6) Re: Compressors
by "Brian Carling" <bry@mail1.mnsinc.com>
- 7) No Mail
by Conard Murray <ws4s@InfoAve.Net>
- 8) UY224 for Hartley, maybe?
by wallace@world.std.com (Andy Wallace)
- 9) WTB ARRL MANUAL
by leeboo@ct.net (Leon Wiltsey)
- 10) [Fwd: Re: 8295A tube]
by Doug <doug@sunrise.alpinet.net>
- 11) Info? Measurements Model 65-B Sig Gen
by wade@mpu.com
- 12) Re: Info? Measurements Model 65-B Sig Gen
by "Brian Carling" <bry@mail1.mnsinc.com>

Date: Sat, 22 Feb 1997 20:22:34 -0500
From: macino <macino@ibm.net>
To: bry@mail1.mnsinc.com
Subject: Re: Tube Symbols in GIF format anyone???
Message-ID: <330F9BDA.5EAE@ibm.net>

Brian Carling wrote:

>
> Is there any chance that you can convert these to GIF format symbols
> for us? Is there any facility for format conversions like that in
> VISIO?
>
> Thanks...
>
> On 21 Feb 97 at 21:49, Jeff Duntemann spoke about My tube symbols for
> the Visio drawi and said:
>
> > Hi gang--
> >
> > I just placed a ZIP file on my FTP site for general downloads, containing
> > my tube symbols for the popular Visio drawing program. This is freeware,
> > no payment expected. All symbols are original with me and are not based on
> > the two or three tube symbols Visio included (remarkably) in their Visio
> > Technical 4.0 product.
> >
> > The ZIP contains separate stencil files for Visio 2.0, 3.0, and 4.0. If
> > you only have Visio 1.0 you're out of luck, as I can't export to that
> > format anymore. You do need at least Visio 2.0 to access the symbols. I
> > don't think any other program can import them.
> >
> > I've added a lot of symbols fairly recently, including pentagrid converter,
> > tetrode/dual diode, gas regulator, and a combo symbol of a 5U4-style
> > rectifier and the transformer it works with. So if you downloaded this
> > file six months ago, you have only about half of what's in the new one.
> >
> > Visio Technical produces *gorgeous* schematics, and with my tube symbols
> > you can use it to draw any reasonable glowbug circuit. The collection
> > still lacks CRTs, magic eye tubes, those mixer tubes called out in early
> > sideband exciters ("sheet beam"?) and most of the multi-unit Compactron
> > combinations. I add symbols as I need them, and sooner or later I'll have
> > them all.
> >
> > So come and get 'em; the URL is:
> >
> > <ftp://ftp.coriolis.com/pub/Shareware/vistube.zip>

```

> >
> > Note the capital "S" in "Shareware."  Unix systems are case-sensitive, so
> > make sure you upcase that S!
> >
> > The file 6L635W.doc is also there; it's a Visio drawing of my 35W 6l6 rig,
> > embedded in an MS Word document so you don't need Visio to view it.  They
> > look better in Visio, tho.
> >
> > Let me know if you have trouble accessing the file.
> >
> > --73--
> >
> > --Jeff Duntemann KG7JF
> >   Scottsdale, Arizona
> >
> >
> >
> *****
> *** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
> ** E-mail to:  bry@mnsinc.com *
> *** See the great ham radio resources at: *
> **  http://www.mnsinc.com/bry/ *
> *****

```

This won't work. The address needs to be:

<ftp://ftp.coriolis.com/pub/Shareware/vistube.zip>

-Jim W9LZ

```

-----
Date: Sat, 22 Feb 1997 19:09:42 +0000
From: "Brian Carling" <bry@mail1.mnsinc.com>
To: leebow@ct.net (Leon Wiltsey), leebow@ct.net, glowbugs@theporch.com
Subject: Re: NO MAIL
Message-ID: <199702230308.WAA10670@news2.mnsinc.com>

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On 22 Feb 97 at 15:00, Leon Wiltsey spoke about NO MAIL and said:

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> I get 20 or so posts every day from boatanchors but have receivwd
> no from glowbugs in the last week .whaaaaaaaaaaaaaaat haaaaaaaaaaaaapen?
Leon, something must be wrong on your end!
I amgetting about 5-6 messages a day on GLOWBUGS.
Some days I see 10-12.
My messages are showing up, but the overall traffic has sharply
dropped off, and I understand that they have been having some
difficulties lately.

```

Bry

```
*****
*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
** E-mail to: bry@mnsinc.com *
*** See the great ham radio resources at: *
** http://www.mnsinc.com/bry/ *
*****
```

Date: Sat, 22 Feb 1997 19:13:21 +0000
From: "Brian Carling" <bry@mail1.mnsinc.com>
To: glowbugs@theporch.com
Subject: Re: Tube Symbols in GIF format anyone???
Message-ID: <199702230312.WAA10736@news2.mnsinc.com>

On 22 Feb 97 at 19:24, macino spoke about Re: Tube Symbols in GIF
format anyo and said:

```
> Brian Carling wrote:
> >
> > Is there any chance that you can convert these to GIF format symbols
> > for us? Is there any facility for format conversions like that in
> > VISIO?
> >
> > Thanks...
> > *****
> > *** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
> > ** E-mail to: bry@mnsinc.com *
> > *** See the great ham radio resources at: *
> > ** http://www.mnsinc.com/bry/ *
> > *****
>
> This won't work. The address needs to be:
>
> ftp://ftp.coriolis.com/pub/Shareware/vistube.zip
>
>
> -Jim W9LZ
```

Huh? I was asking JEFF about VISIO symbols.

What does: "This won't work" mean?

```
*****
*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
** E-mail to: bry@mnsinc.com *
*** See the great ham radio resources at: *
** http://www.mnsinc.com/bry/ *
```

Date: Sat, 22 Feb 1997 21:39:27 -0600 (CST)
From: "Douglas \"Lonely Planet Boy\" Shawhan" <lysdexia@evansville.net>
To: glowbugs@theporch.com
Subject: Compressors
Message-ID: <Pine.SOL.3.91.970222213209.8833A-1000000@world.evansville.net>

Greetings Men From Earth!

Does anyone out there have schematics for a tube-type compressor? I would prefer one with a broad enough bandwidth to record live music through but one suitable for a single vox microphone will be just ducky!

Also:

I am looking around for a _very_ simple morse rig to build in preparation for getting my ham license. (No-code schmo-code I say!) Can any of you old-school fellows dig up one that is fairly simple, low-powered and would cost less than \$100.00 to build? The new ARRL handbook seems to be geared away from the beginner- and the po!

Thanks!

doug

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Specializing in: Weird Hair Dye, Punk Rock (all flavors)
Used Textbooks, Freak T-Shirts, Jewelry, Southern
Indiana Local rock, New and Used Cd's!

[Http://www.evansville.net/~lysdexia](http://www.evansville.net/~lysdexia)

(812)476-3688

Date: Sun, 23 Feb 1997 10:55:18 +0100
From: Cesare Lavazza <iw2kpu@radionostalgia.net>
To: glowbugs@theporch.com
Subject: EABC80 tube
Message-ID: <3.0.1.32.19970223105518.0069cf78@radionostalgia.net>

I'm looking for information about this tube: technical data and possible replacements. Thanks.

Bye.

Email: iw2kpu@radionostalgia.net
WWW: http://radionostalgia.net/Users/Lavazza

Date: Sun, 23 Feb 1997 09:14:48 +0000
From: "Brian Carling" <bry@mail1.mnsinc.com>
To: glowbugs@theporch.com
Subject: Re: Compressors
Message-ID: <199702231713.MAA22642@news2.mnsinc.com>

On 22 Feb 97 at 21:40, Douglas \ spoke about Compressors and said:

> Does anyone out there have schematics for a tube-type compressor? I would
> prefer one with a broad enough bandwidth to record live music through but
> one suitable for a single vox microphone will be just ducky!

There are some designs for these in the ARRL Handbooks that most of us have, although they tend to usually be CLIPPERS rather than compressor/limiters which is what you really need for your purpose there. I will take a look and see what I have, but my sources are limited compared to what some folks have out there!

If there is enough interest, I could scan a compressor circuit and put the schematic out on the WWW for all to see in .GIF format.

> Also:

>
> I am looking around for a _very_ simple morse rig to build in preparation
> for getting my ham license. (No-code schmo-code I say!) Can any of you
> old-school fellows dig up one that is fairly simple, low-powered and
> would cost less than \$100.00 to build?

YES! There is in fact a glowingspitzenparkenfirebottleetherburner KIT available for the price range you suggest.

It is called the CWCP-5 and was featured in Electric Radio magazine last month. It is put out by Carl, WB1EYE and I think you can get the complete kit including power transformers and everything for about \$100.

>The new ARRL handbook seems to be

> geared away from the beginner- and the po!

No kidding! That is why you need the older ones from the 1950s, 60s and even the early 70s!

Are you from Southern Indiana? I used to live in Nashville, TN (Not the one in Indiana - grin!) and made a few trips up that way to Bloomington and Jasper. I repaired Kimball organs for a few years and was trained at the plant there. Had a girlfriend from Bloomington whose dad edited the local paper.

It's a nice area if you don't mind flat terrain!

Happy hamming - Bry

The bands are hot, the bottles they be a' glowin' brightly, an' the regeneration be on the ragged edge! Grapples ye up yer tin cans atopps yer noggins, an readys ye yer keys at the fore!

```
*****
*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
** E-mail to: bry@mnsinc.com *
*** See the great ham radio resources at: *
** http://www.mnsinc.com/bry/ *
*****
```

Date: Sun, 23 Feb 1997 12:05:19 -0600
From: Conard Murray <ws4s@InfoAve.Net>
To: glowbugs@theporch.com
Subject: No Mail
Message-ID: <2.2.32.19970223180519.006fc878@infoave.net>

Hi everyone,
Our host, Theporch, is going through some growing pains and there have been some glitches. Please bear with us. If you post something and it does not show up, then repost it.

73 all,
Conard

```
.-.-.-.-.-.
. Conard Murray WS4S Glowbugs listowner .
. 217 Dyer Avenue ws4s@infoave.net .
. Cookeville, TN 38501 615-526-4093 .
. <>< Wise men still seek Him ><> .
. QRP-L # 993 .
.-.-.-.-.-.
```

Date: Sun, 23 Feb 1997 18:22:48 GMT
From: wallace@world.std.com (Andy Wallace)
To: glowbugs@theporch.com
Subject: UY224 for Hartley, maybe?
Message-ID: <33138a44.2097256@world.std.com>

Got a Cunningham UY-224 tube at an antique radio meet today, for a princely sum of \$2. Sold on 11/11/32 according to the sticker. Seller told me it was good....

If so, can this plate-cap equipped tube be grafted into some sort of Hartley peanut-whistle? I've been archiving all the glowbug talk for some time but the number didn't ring a bell -- but for the price of a Big Mac I thought I would take a chance. <grin>

73,
--Andy
wallace@world.std.com
<http://world.std.com/~wallace/>
(vacuum tube ham stuff)
Comments appreciated!
[click RELOAD if you haven't visited
in a while...I may have added new stuff!]

Date: Sun, 23 Feb 1997 14:57:04 -0500 (EST)
From: leeboo@ct.net (Leon Wiltsey)
To: GLOWBUGS@theporch.com
Subject: WTB ARRL MANUAL
Message-ID: <199702231957.0AA12541@blue.ct.net>

Looking for radio am handbooks that have tube circuits in them. probably earlier than 1969. Am semidisabled and cannot work with solid state due to eyesight and coordination problems. was a ham 40 yrs ago (w9ryb and w4kcj. am trying to bet back into the hobby (SHOULD HAVE NEVER LEFT) Will pay any reasonable price plus shipping.

Leon Wiltsey
4600 Lake Haven blvd
Sebring fl. 33872

email leeboo@ct.net

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)

67yr old semi disabled senior
(stroke got my balance and coordination)
play keyboard and sing
music 1920's to 60'
none of the 90's noise

Date: Sun, 23 Feb 1997 14:56:41 -0700
From: Doug <doug@sunrise.alpinet.net>
To: glowbugs@theporch.com
Subject: [Fwd: Re: 8295A tube]
Message-ID: <3310BD19.36E8@alpinet.net>

Message-ID: <3310BC78.529C@alpinet.net>
Date: Sun, 23 Feb 1997 14:54:00 -0700
From: Doug <doug@alpinet.net>
Reply-To: doug@alpinet.net
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: Steve Simpson <Steve@chubs.demon.co.uk>
Subject: Re: 8295A tube
References: <7WGV8CAqADEzEwiR@chubs.demon.co.uk>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HI again Steve...by "CX250" I'm guessing you mean 4CX250...is that right? IF that's your tube, then you'll find it makes an exceptional linear...for grid driven service. It dosent like grounded grid configuration at all....something that Eimac recommends against in their literature. But, the 4CX250 is a fine amp..and will run in a Johnson socket...far cheaper than the Eimac equivlent....minus of course, the internal bypass capacitors for the screen. But, at HF, the tube will perform well....with 250 watts or so of plate dissipation capacity, at 2 kv or so. Be sure to watch for negative screen current when you tune up your rig...best to use a good, stiffly regulated supply and meter it just in case. Lots of folks use a reverse current trip to dump the HV and protect the tube.

A pair or 2 pair of those tubes will make a really nice amp for full power use, run AB1 with a nice big non inductive resistor across the input giving voltage drive to the grids. But, with 4 tubes in parallel, it still wont take much drive to make them rock....with approx. 300 watts out at 350 volts on the screens. So, 4 would give you a good, clean 1200 watts out.

I use a 4-1000A in class B gg service...works nicely and gives anywhere from 1200 to 1800 watts out on a good day, remembering that in gg configuration, most of the drive power reappears in the output as energy coupled to the antenna, so you have to figure in that amount for an accurate reading of output.

I realize the cost of these big bottles...and it can put a damper on one's plans to build that "perfect" amp. That's one reason I went to the 4-1000 as there used to be a bunch of them available as "Pulls" from the Broadcast industry...not so much any more. I see that the 4CX1600 from Svetlana is running at about \$670 or so to hams, and that's within a few bux of a brand new 4-1000A, so guess I'll just keep the old firebreathing monster and save the money I'd use building a new amp. This one runs at 4400v on the plate, so it's no slouch.

Take Care Steve and write if I can be of any more assistance.

73

Doug, K7YD

Steve Simpson wrote:

>
> In message <330F6ABB.16A5@alpinet.net>, Doug <doug@sunrise.alpinet.net>
> writes
> >Hi Steve...I think Eimac still has a dealer in UK...but to be sure,
> >I'd write them at the address I gave Oscar...I'm sure they'll let
> >you know. As for price...I've never bought a power tube from Eimac
> >that didnt give my wallet a jolt, but always been worth the extra
> >bux. If you are interested in building an amp, I'd look at the
> >glass bottles for HF...they're a bit more resonable. But, the
> >3CX1200A7 is a good choice at about \$400 us dollars.
> >
> Thanks Doug,
> I have cx250 somewhere but unfortunatly no base. Is this a good valve to
> use at HF and if so do you have any info on it?
>
> Best try to use what I already got!! eh? 400us is a lotta dosh!
>
> Regards

> --
> Steve "Chubby" Simpson
> Radio/Night Club D.J.
> Steve@chubs.demon.co.uk
> Visit Radio World -
> HTTP://www.chubs.demon.co.uk

Date: Sun, 23 Feb 1997 14:03:46 +0000
From: wade@mpu.com
To: glowbugs@theporch.com
Subject: Info? Measurements Model 65-B Sig Gen
Message-ID: <199702232213.0AA21120@mail.s-cc.com>

Boatanchorites:

Greetings from sunny and windy Sacramento.

I have a Measurements Model 65-B signal generator which I need to troubleshoot (nothing happens when power applied). I need a schematic as well as whatever other tips anyone can provide on troubleshooting as well as disassembly (rather cramped in there).

Looks like a good canadate for BA servicing with calibrated output down to about 0.1 microvolt, and variable modulation from 0 - 100% covering about 75 kc/s to 30 mc/s.

Any help is appreciated.

Dennis
Dennis L. Wade
KG6ZI
Carmichael, CA

Date: Sun, 23 Feb 1997 15:45:52 +0000
From: "Brian Carling" <bry@mail1.mnsinc.com>
To: wade@mpu.com, glowbugs@theporch.com
Subject: Re: Info? Measurements Model 65-B Sig Gen
Message-ID: <199702232344.SAA13650@news2.mnsinc.com>

You can probably find the schematic / manual for this at a number of places.

Just today I learned of a new one to me:

Manuals Plus
P.O. Box 549
Tooele, UT 84074

(801) 882-7188
FAX: (801) 882-7195

<http://www.manualsplus.com>

Or check my huge list of manuals suppliers in the Ham Radio
Resources section at:

<http://www.mnsinc.com/bry/>

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*****  
*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *  
** E-mail to: bry@mnsinc.com *  
*** See the great ham radio resources at: *  
** http://www.mnsinc.com/bry/ *  
*****
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End of GLOWBUGS Digest 455
